

Clean Copy of All Pending Claims

1 ( 1. (Amended) A method of creating a graphical human-machine interface, comprising  
2 the steps of:

3 (a) providing a computer using a first operating system;

4 (b) providing a portable computing device in communication with the computer;  
5 the portable computing device using a second operating system that is less  
6 capable than the first operating system;

7 (c) generating on the computer a software object that provides a graphical  
8 human-machine interface when operating on the portable computing device;  
9 and

10 (d) transferring the software object from the computer to the portable computing  
11 device.

1 2. (Amended) The method of claim 1 further comprising, after step (c), the step of  
2 simulating on the computer the operation of the software object on the portable  
3 computing device.

1 3. (Amended) The method of claim 1 further comprising the steps of:

2 (e) operating the software object to provide the graphical human-machine  
3 interface on the portable computing device; and

4 (f) transmitting information between the computer and the portable computing  
5 device.

1 4. (Amended) The method of claim 1 wherein the graphical human-machine interface is  
2 adapted to control at least one process parameter.

1 5. (Amended) The method of claim 1 wherein step (c) comprises generating on the  
2 computer the software object which is processor-independent; and wherein step (c)

3 further comprises providing a run-time engine specific to a selected processor present  
4 on the portable computing device.

1 6. The method of claim 1 wherein the second operating system is Windows CE.

1 7. The method of claim 1 wherein the portable computing device is a handheld portable  
2 computing device.

1 8. (Amended) A computer program recorded on a machine-readable medium,  
2 comprising:

3 (a) a module that operates on a computer to allow a user of the computer to  
4 generate a software object that provides a graphical human-machine interface  
5 when operating on a portable computing device, the computer using a first  
6 operating system and the portable computing device using a second operating  
7 system having less capability than the first operating system;

8 (b) a module that operates on the computer to simulate the operation of the  
9 software object on the portable computing device; and

10 (c) a module that operates on the computer to transfer the software object  
11 from the computer to the portable computing device.

1 9. The computer program of claim 8, further comprising:

2 a module that operates on the computer to transfer, between the computer and the  
3 portable computing device, information related to the operation of the human-  
4 machine interface.

1 10. The computer program of claim 8 wherein the graphical human-machine interface  
2 comprises a graphical human-machine interface for process control.

1 11. (Amended) The computer program of claim 8 wherein the software object comprises  
2 a processor-independent graphical human-machine interface object and a run-time  
3 engine specific to a selected processor.

1 12. The computer program of claim 8 wherein the second operating system is Windows  
2 CE.

1 13. The computer program of claim 8 wherein the portable computing device is a  
2 handheld portable computing device.

1 14. (Amended) A method of controlling a process, comprising the steps of:

2 (a) providing a computer using a first operating system;

3 (b) providing a portable computing device in communication with the computer; the  
4 portable computing device using a second operating system that is less capable  
5 than the first operating system;

6 (c) providing a software object that provides a graphical human-machine interface  
7 when operating on the portable computing device, the software object generated  
8 on the computer;

9 (d) operating the software object on the portable computing device to provide the  
10 graphical human-machine interface on the portable computing device; and

11 (e) exchanging information between the computer and the portable computing device,  
12 so as to control at least one parameter of a process.

1 15. (Amended) The method of claim 14 wherein step (d) comprises operating the  
2 software object on the portable computing device to display both graphical  
3 information and alphanumeric information.

1 16. The method of claim 14 wherein the second operating system is Windows CE.

- 1 17. The method of claim 14 wherein the portable computing device is a handheld portable
- 2 computing device.